

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060923\
 Data File : VU054469.D
 Acq On : 09 Jun 2023 17:48
 Operator : MD/SY
 Sample : 03118-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0FL5

Quant Time: Jun 12 01:02:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Jun 12 00:58:03 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

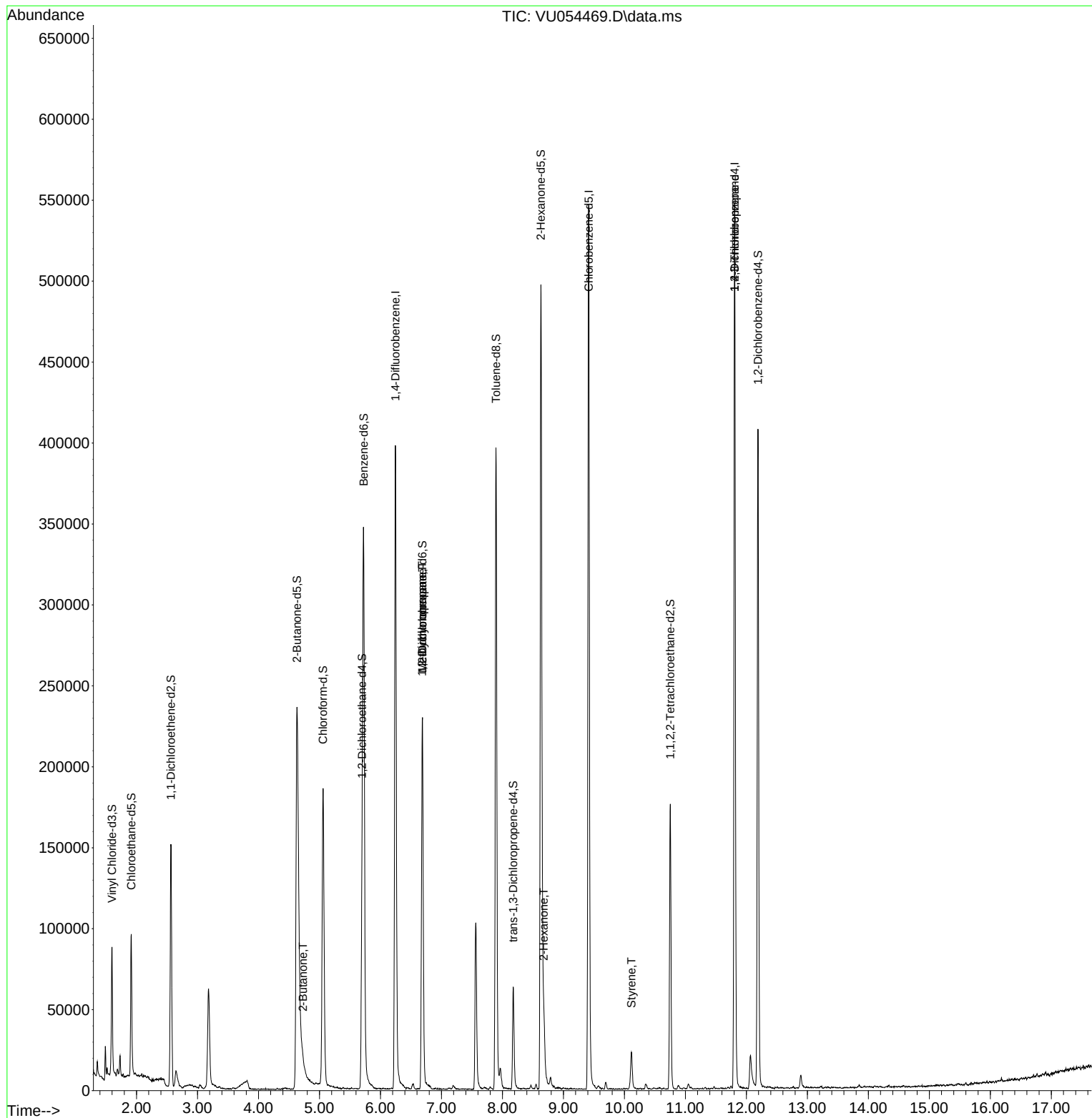
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	325902	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	310893	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	146076	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	60989	2.941	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	58.800%
7) Chloroethane-d5	1.914	69	68211	3.513	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	70.200%
11) 1,1-Dichloroethene-d2	2.563	65	29667	3.203	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.000%
20) 2-Butanone-d5	4.631	46	272967	46.810	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.620%
24) Chloroform-d	5.058	84	172325	3.975	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.400%
26) 1,2-Dichloroethane-d4	5.698	65	89719	4.245	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.000%
32) Benzene-d6	5.724	84	324889	3.759	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	75.200%
36) 1,2-Dichloropropane-d6	6.688	67	119270	4.133	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.600%
41) Toluene-d8	7.894	98	272382	3.551	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.000%
43) trans-1,3-Dichloroprop...	8.177	79	37157	3.702	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.000%
46) 2-Hexanone-d5	8.630	63	164973	39.180	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	78.360%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	93378	4.339	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.800%
66) 1,2-Dichlorobenzene-d4	12.190	152	109709	4.453	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.000%
Target Compounds						
					Qvalue	
21) 2-Butanone	4.730	43	12794	1.793	ug/L	99
35) Methylcyclohexane	6.688	83	25432	0.569	ug/L #	16
37) 1,2-Dichloropropane	6.685	63	12370	0.409	ug/L #	90
48) 2-Hexanone	8.679	43	20216	1.683	ug/L	89
55) Styrene	10.116	104	11856	0.158	ug/L	95
61) 1,2,3-Trichloropropane	11.807	75	18485	1.252	ug/L #	69

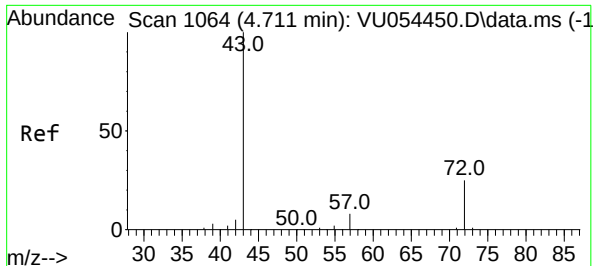
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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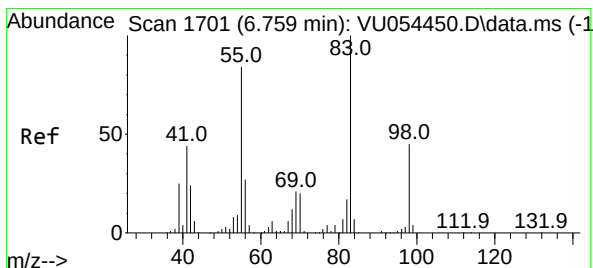
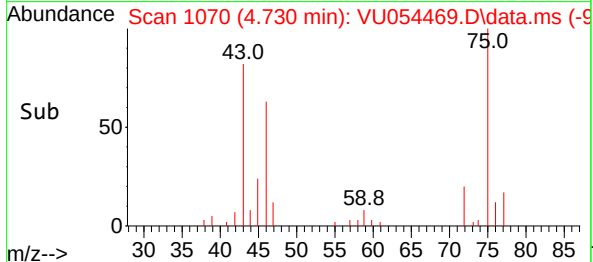
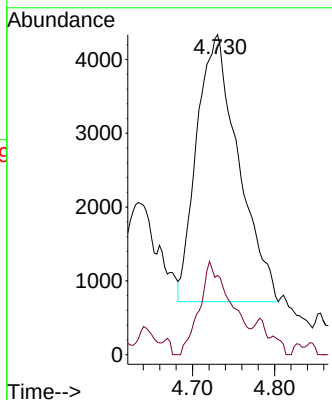
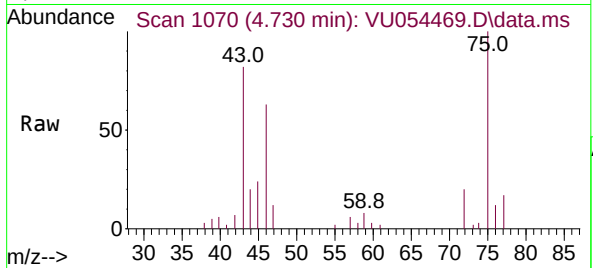




#21
2-Butanone
Concen: 1.793 ug/L
RT: 4.730 min Scan# 1064
Delta R.T. 0.019 min
Lab File: VU054469.D
Acq: 09 Jun 2023 17:48

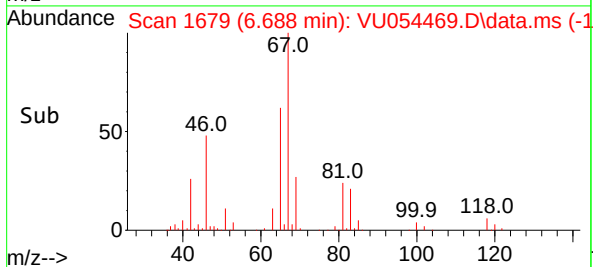
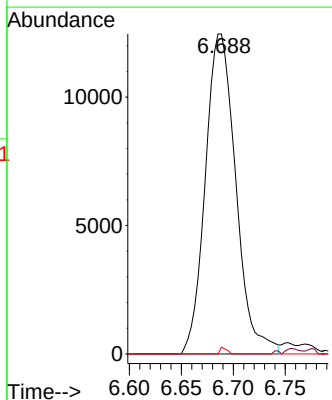
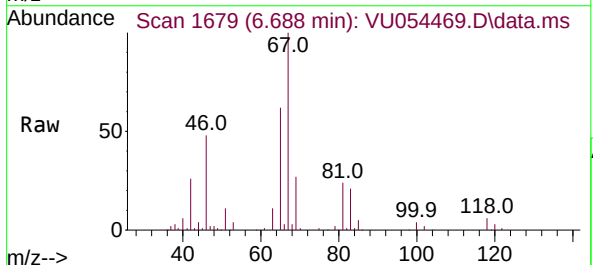
Instrument :
MSVOA_U
ClientSampleId :
C0FL5

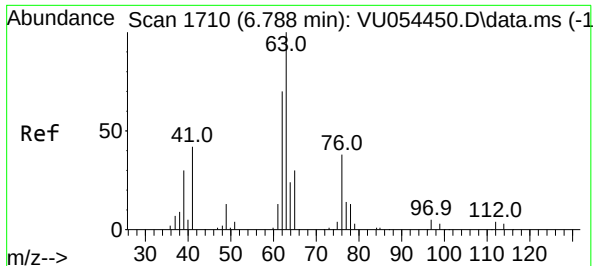
Tgt Ion: 43 Resp: 12794
Ion Ratio Lower Upper
43 100
72 26.3 13.4 40.1



#35
Methylcyclohexane
Concen: 0.569 ug/L
RT: 6.688 min Scan# 1679
Delta R.T. -0.071 min
Lab File: VU054469.D
Acq: 09 Jun 2023 17:48

Tgt Ion: 83 Resp: 25432
Ion Ratio Lower Upper
83 100
55 0.2 67.1 100.7#
98 0.4 35.1 52.7#





#37

1,2-Dichloropropane

Concen: 0.409 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU054469.D

Acq: 09 Jun 2023 17:48

Instrument :

MSVOA_U

ClientSampleId :

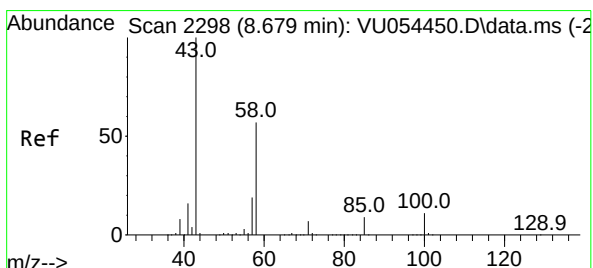
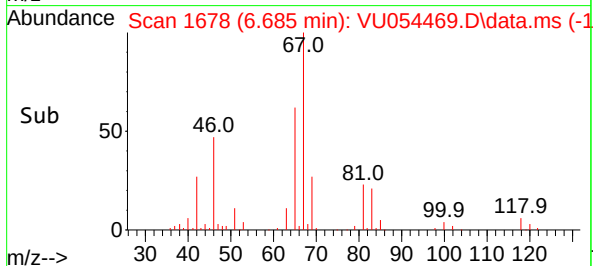
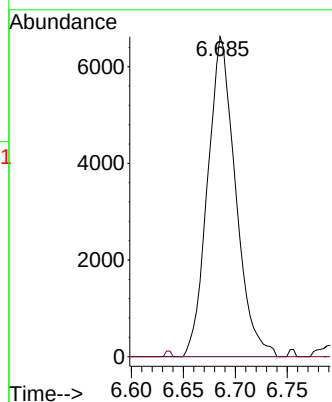
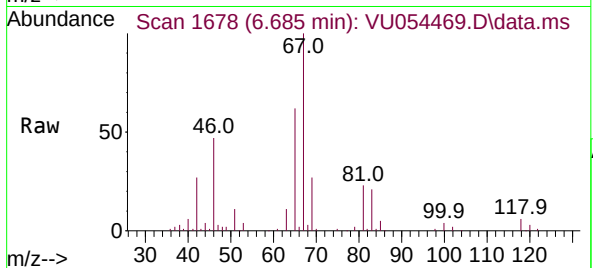
C0FL5

Tgt Ion: 63 Resp: 12370

Ion Ratio Lower Upper

63 100

112 0.4 3.0 4.6#



#48

2-Hexanone

Concen: 1.683 ug/L

RT: 8.679 min Scan# 2298

Delta R.T. -0.000 min

Lab File: VU054469.D

Acq: 09 Jun 2023 17:48

Tgt Ion: 43 Resp: 20216

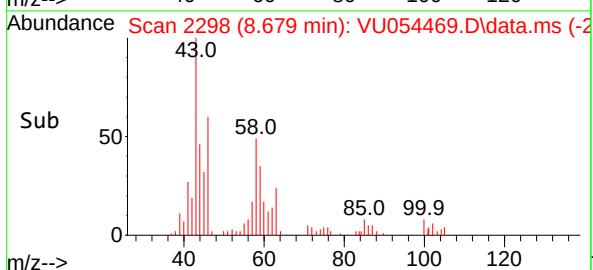
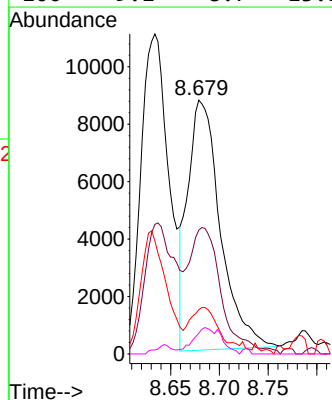
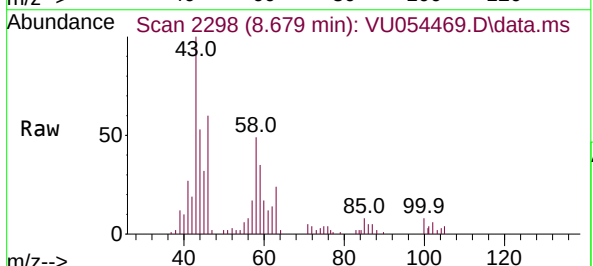
Ion Ratio Lower Upper

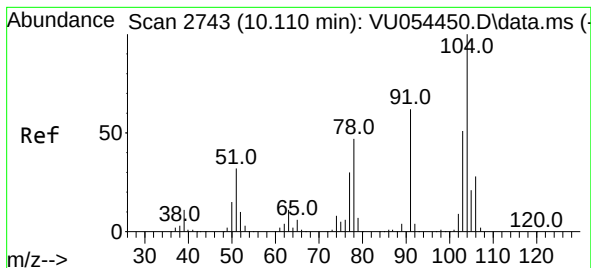
43 100

58 46.2 45.2 67.8

57 17.8 15.8 23.6

100 9.1 8.7 13.1





#55

Styrene

Concen: 0.158 ug/L

RT: 10.116 min Scan# 21

Delta R.T. 0.006 min

Lab File: VU054469.D

Acq: 09 Jun 2023 17:48

Instrument :

MSVOA_U

ClientSampleId :

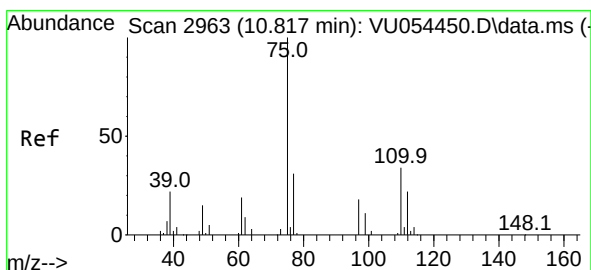
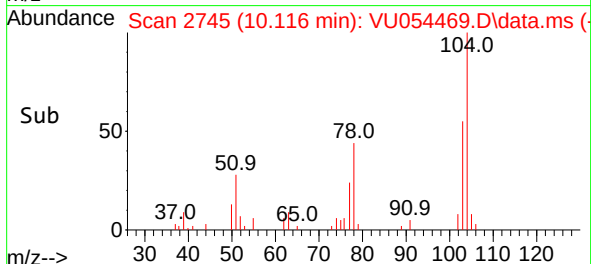
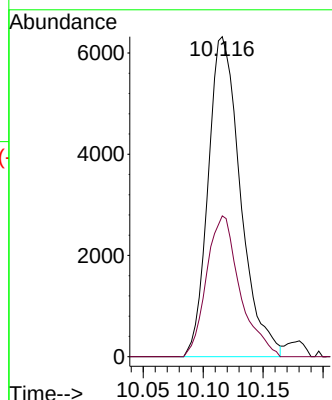
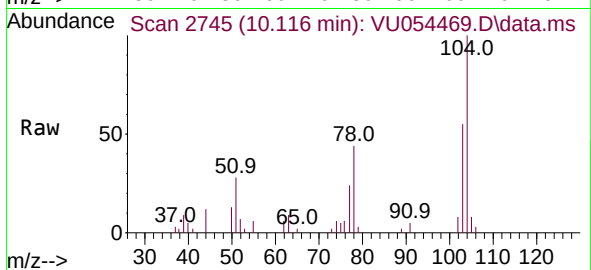
C0FL5

Tgt Ion:104 Resp: 11856

Ion Ratio Lower Upper

104 100

78 44.0 33.0 61.4



#61

1,2,3-Trichloropropane

Concen: 1.252 ug/L

RT: 11.807 min Scan# 3271

Delta R.T. 0.990 min

Lab File: VU054469.D

Acq: 09 Jun 2023 17:48

Tgt Ion: 75 Resp: 18485

Ion Ratio Lower Upper

75 100

110 2.7 28.0 42.0#

77 29.4 25.4 38.2

